

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PM&S FORM PAT-1449)
 Patent and Trademark Office

Atty.
 Dkt. No.

258174

Client Ref.

P003

**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Date: October 25, 2000

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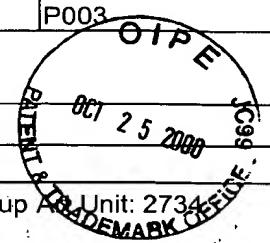
Applicant: CHEA

Appln. No.: 09/584,094

Filing Date: May 31, 2000

Examiner: Not Yet
 Assigned

Group A Unit: 2734
 TRADEMARK OFFICE



U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,821,987	10/1998	LARSON			
BR	4,277,655	07/1981	SURPRENANT			
CR	3,989,907	11/1976	CHAMBERS, JR.			
DR	5,708,703	01/1998	NAGARAJ			
ER	5,778,303	07/1998	SHINOZAKI, et al.			
FR	5,875,210	02/1999	BRIEF, et al.			
GR	5,621,455	04/1997	ROGERS, et al.			
HR	5,786,844	07/1998	ROGERS, et al.			
IR	4,870,370	09/1989	HEDBERG, et al.			
JR	5,422,950	06/1995	MILLER, et al.			
KR	5,801,695	09/1998	TOWNSHEND			
LR	5,809,075	09/1998	TOWNSHEND			
MR	5,835,538	11/1998	TOWNSHEND			
NR	5,751,338	05/1998	LUDWIG, JR.			
OR	5,940,403	08/1999	WILLIAMS			
PR	4,964,116	10/1990	MEASOR			
QR	5,557,669	09/1996	PERRY, et al.			
RR	5,557,670	09/1996	PERRY, et al.			
SR	5,367,273	11/1994	GEORGER, et al.			
TR	5,528,281	06/1996	GRADY, et al.			

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
UR					Enclosed	No

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

VR	"PULSE-CODE MODULATION (PCM)", Roger L. Freeman, Telecommunications System Engineering, 3rd Edition, (1989), (1996), pp. 382-392.		
WR	"INTRODUCTION TO TRANSMISSION FOR TELEPHONY", Roger L. Freeman, Telecommunications System Engineering, 3rd Edition, (1989), (1996), pp. 181-195.		
XR	"EXCHANGE LOCATION", Roger L. Freeman, Telecommunications System Engineering, 3rd Edition, (1989), (1996), pp. 220-237.		
YR	"DIGITAL TRANSMISSION SYSTEMS", Roger L. Freeman, Telecommunications System Engineering, 3rd Edition, (1989), (1996), pp. 339-366.		

Examiner *Laurene J. Lee*

Date Considered: *9/22/03*

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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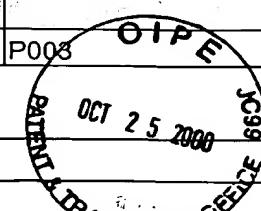
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ZR	5,625,404	04/1997	GRADY, et al.			
AAR	2,733,296	01/1956	MAGGIO, J.B.			
BBR	2,833,861	05/1958	ANDERSON, et al.			
CCR	4,056,688	11/1977	STIEFEL			
DDR	5,872,809	02/1999	BATRUNI			
EER	5,537,680	07/1996	BRUNO			
FFR	5,483,372	01/1996	GREEN, Jr.			
GGR	3,843,844	10/1974	SCHUMPERLI			
HHR	5,541,640	07/1996	LARSON			
IIR	5,978,371	11/1999	MASON, JR., et al.			
JJR	5,903,372	05/1999	CZERWIEC			
KKR	5,883,884	03/1999	ATKINSON			
LLR	5,195,132	03/1993	BOWKER, et al.			
MMR	5,898,761	04/1999	McHALE, et al.			
NNR	5,905,781	05/1999	McHALE, et al.			
OOR	5,734,643	03/1998	NO NAME LISTED			
PPR	4,837,788	05/1989	BIRD			
QQR	4,580,260	04/1986	BLACKBURN, et al.			

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					Enclosed	No	Enclose	No
	RRR							

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SSR	"INTRODUCTION TO SONET", www.tektronix.com/Measurement/App_Notes/SONET/sonet.htm1 , 05/17/00, pp. 1-3			
TTR	"SONET TELECOMMUNICATIONS STANDARD PRIMER", www.tektronix.com/Measurement/App_Notes/SONET/sonet.htm1 , 05/17/00, pp. 1-3.			
UUR	"DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, DIGITAL SIGNAL LEVELS", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/dslevels.htm1 , 05/15/00, pp. 1-2.			
VVR	"DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, DS1-DIGITAL SIGNAL LEVEL 1", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/ds1.htm1 , 05/15/00, pp. 1-11.			

Examiner *Lawrence H.*

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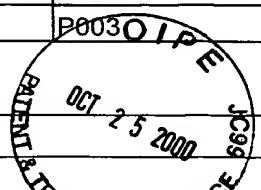
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Group A - Unit 2004



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WWR	4,638,473	01/1987	COOPERMAN, et al.			
XXR	4,670,886	06/1987	NEWCOMBE, JR., et al.			
YYR	5,751,114	05/1998	NO NAME LISTED			
ZZR	5,963,549	10/1999	PERKINS, et al.			
AAAR	5,179,720	01/1993	GRUBE, et al.			
BBBR	4,677,687	06/1987	MATSUO			
CCCR	5,761,245	06/1998	HAUKKAVAARA, et al.			
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					Enclosed	No	Enclose	No
	GGGR							
	HHHR							
	IIIR							
	JJJR							

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

KKKR	"DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, DS2-DITIGAL SIGNAL LEVEL 2", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/ds2.htm1 , 05/15/00, pp. 1-2		
LLLR	"DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, DS2-DITIGAL SIGNAL LEVEL 2", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/ds2.htm1 , 05/15/00, pp. 1-2		
MMMR	"DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, PULSE STUFFING OR JUSTIFICATION", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/stuffing.htm1 , 05/15/00, pp. 1-2		
NNNR	DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, JITTER AND WANDER", http://mirrors.iquest.net/teleco/EE535/hwk11cd95/catman/jitter.htm1 , 05/15/00, p. 1		
OOOR	DSO-DS3-DITIGAL SIGNAL SERVICES AVAILABLE OVER T1, T2, AND T3 SIGNALING SYSTEMS, DS1C-DIGITAL SIGNAL LEVEL 1C", http://mirrors.iquest.net/telco/EE535/hwk11cd95/catman/ds1c.htm1 , 05/15/00, pp. 1-2		
PPPR			

Examiner *[Signature]*

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